1 Introduction

One of the most important aims of education is to develop more knowledge, skill, and ability. Students of the 21st century are very different from the students of the past. This requires educators to think continuously about how to change their teaching to empower and engage modern students, which makes educational innovation important. Research [1] has shown that what students learn in the arts may help them to master other subjects, such as reading, math or social studies. Students who participate in arts learning experiences often improve their achievement in other realms of learning and life. For example, an analysis [1] of multiple studies confirms the finding that students who take music classes in high school are more likely to score higher on standardized mathematics tests. One explanation is that musical training in rhythm emphasizes proportion, patterns, and ratios expressed as mathematical...

- Finding the nexus of arts and sciences in our everyday life

In our society, those who have been educated in different universities and different sciences cannot easily communicate with each other on their subject, and the schism between the sciences and the arts is the main reason. Climate change and its effects have severe consequences for our environment, so reducing energy use in buildings is one of the most important ways to reduce humans’ overall environmental impact. There are several elements to the design of buildings, and architects should consider the use of more sustainable materials. By considering several parameters, such as weather and culture, an analysis of every step in the construction of a building, from the paints used on the walls to the type of ventilation system, give a clearer picture of how architects can design the best building.

Our ancestors, by studying the environment, identified the principles of geometry, the physics of forces, and its mechanisms to build their buildings using...